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31036 U.S. PTO
09/921070
09/06/01

257	Class	Subclass	ISSUE CLASSIFICATION
738			

U.S. UTILITY Patent Application

PATENT NUMBER

MAK	O.I.P.E.	PATENT DATE
SCANNED	HCN	Q.A.

APPLICATION NO. 09/921070	CONT/PRIOR D	CLASS 438	SUBCLASS 6006	ART UNIT 2823	EXAMINER Chen
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APPLICANTS

Joseph Barrett

257

2815

TITLE

Plastic ball grid array assembly

PTO-2040
12/99

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
257	738	257	736	778	181		
INTERNATIONAL CLASSIFICATION							
H01L	21/46						
H01L	21/78						
H01L	21/30						

Continued on Issue Slip Inside File Jacket

<input checked="" type="checkbox"/> TERMINAL DISCLAIMER <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. <input checked="" type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. 6,064,117 <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	DRAWINGS Sheets Drwg. <u>5</u> Figs. Drwg. <u>9</u> Print Fig. <u>2B</u>			CLAIMS ALLOWED Total Claims <u>27</u> Print Claim for O.G. <u>1</u>	
	(Assistant Examiner) <u>R.M. Conner</u> (Date) <u>6-3-01</u>			NOTICE OF ALLOWANCE MAILED	
	(Primary Examiner) _____ (Date) _____			ISSUE FEE Amount Due _____ Date Paid _____	
	(Legal Instruments Examiner) _____ (Date) _____			ISSUE BATCH NUMBER	

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